

Parts Cooling Fang 2x5015 for Creality Printers. E3Dv6, Mosquito, NF-Crazy with PrecisionPiezo Orion probe and Zesty Nimble extruder

 c10l

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Summary

All parts are correctly oriented for printing. For the fan ducts use supports from build plate only, I use Overhang...

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mellowmosquito

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All parts are correctly oriented for printing. For the fan ducts use supports from build plate only, I use Overhang Threshold: 10 on PrusaSlicer.

All other parts print with no supports.

V3-FanDuctLeft.stl and V3-FanDuctRight.stl are secured to the mount using 2 M3 hex nuts and 2 M3x6mm bolts.

V3-FanDuctMount.stl and V3-HotEndMount.stl attach to the X carriage using 2 M3x6 bolts each.

This was designed primarily to be used with a Slice Mosquito or compatible hot end. I have a Mellow NF-Crazy Magnum from Aliexpress but it's also compatible with E3Dv6 and clones.

It's been working great. Check the pictures for bridge and overhang performance.

Video: <https://www.youtube.com/watch?v=p7-MagSMBMQ>

Print Settings

Printer Brand:

Creality

Printer:

CR-10 Mini

Rafts:

No

Supports:

Yes

Resolution:

0.2mm

Filament:

SUNLU PLA+

Blue

Notes:

This printer is a highly modded CR-10 Mini. Main mods:

* MKS Gen L controller board * Raspberry Pi 4 with Octoprint and Klipper * Klipper firmware * TMC2208 drivers * Zesty Nimble extruder * E3Dv6 hot end, soon to be replaced with a Mellow NF-Crazy (Slice Eng. Mosquito clone) * PrecisionPiezo Orion Z probe * Fixed bed * Mechanical Dual-Z
Category: 3D Printer Parts

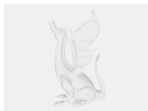
Model files



experimental-v3-piezomount-nimblev2_right.stl



v3-fanductleft.stl



piezomount.f3d



v3-fanductmount.stl



v3-hotendmount.stl



v3.step



v3-nimblebase.stl



v3.f3z

v3-fanductright.stl



[Find source .stl files on Thingiverse.com](#)

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